

B WAIVERS: A YEAR IN REVIEW

MARCH 20, 2014



**MARYLAND DEPARTMENT OF HEALTH AND MENTAL
HYGIENE**

**PREVENTION AND HEALTH PROMOTION
ADMINISTRATION**

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What is a B Waiver?



- Overseas pre-screening medical evaluation before entry to the U.S. which assesses health status
- Waivers are assigned to individuals with TB conditions
 - B1 – No treatment
 - B1 – Treatment completed
 - B2 – LTBI Evaluation

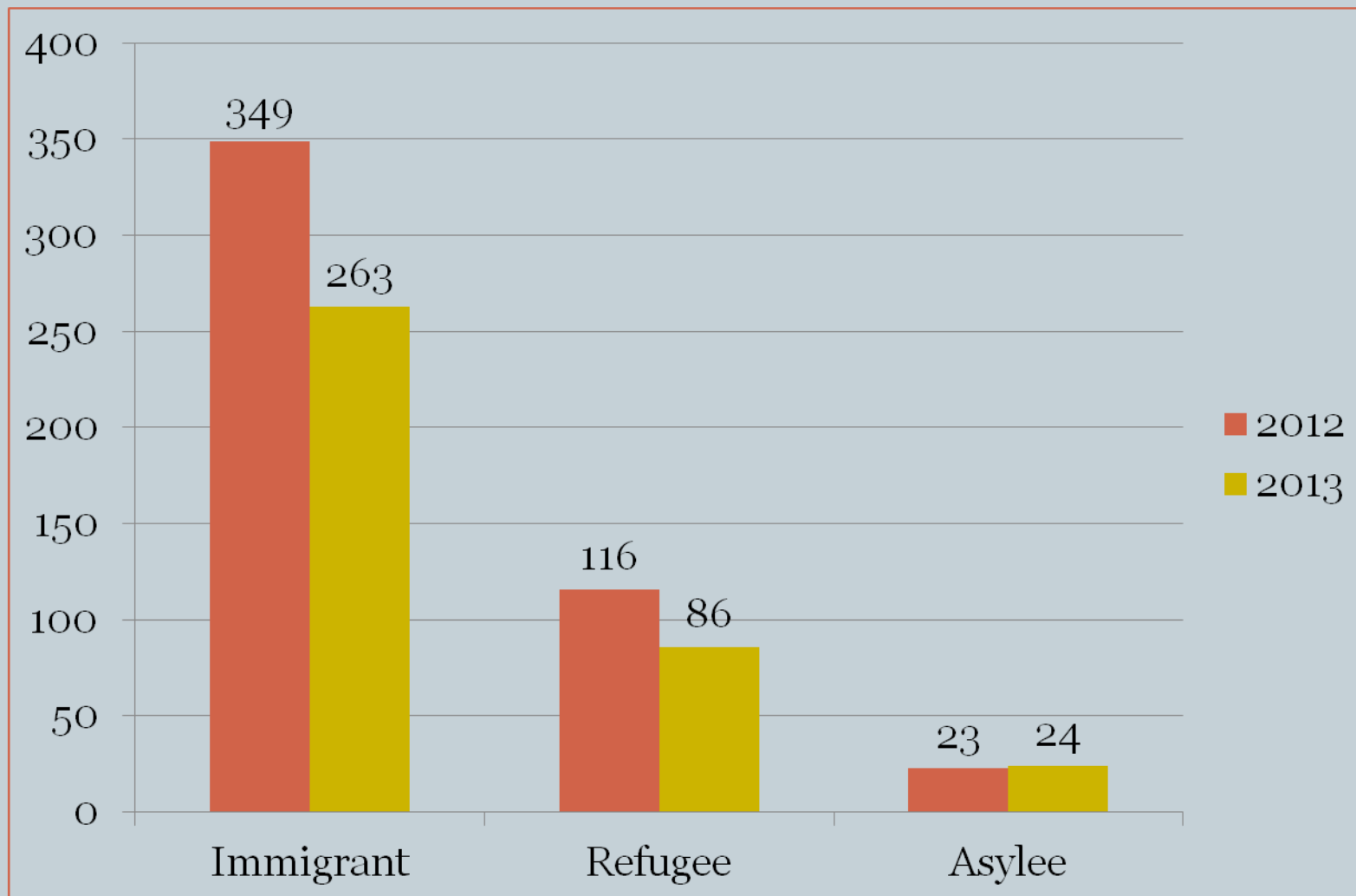


Total Arrivals, 2012-2013



	2012	2013
Immigrants, Refugees & Asylees	488	373

Total Arrivals by Status, 2012-2013



Diagnoses: Overview of Classes



- Class 0: No TB exposure, no evidence of infection
- Class 1: TB exposure, no evidence of infection
- Class 2: Latent TB infection
- Class 3: Active disease
- Class 4: TB, inactive disease



Diagnoses: The Numbers

Outcome	2012	2013
Arrived (all waivers)	488	373
Not Evaluated	78	60
Evaluation Pending	6	77
Evaluated / Have Diagnosis	404 (83%)	236 (63%)
Class 0/1 (No TB)	154	109
<i>Class 2 (LTBI)</i>	<i>167</i>	<i>74</i>
Class 3 (Active TB)	3	1
Class 4 ("Inactive" TB)	80	52



Class 2 (LTBI) Arrivals by Status, 2012-2013



	2012	2013
Immigrant	104 (62%)	57 (77%)
Refugee	55 (33%)	13 (18%)
Asylee	8 (5%)	4 (5%)



TB Risk Assessment: Top Countries of Examination, 2012



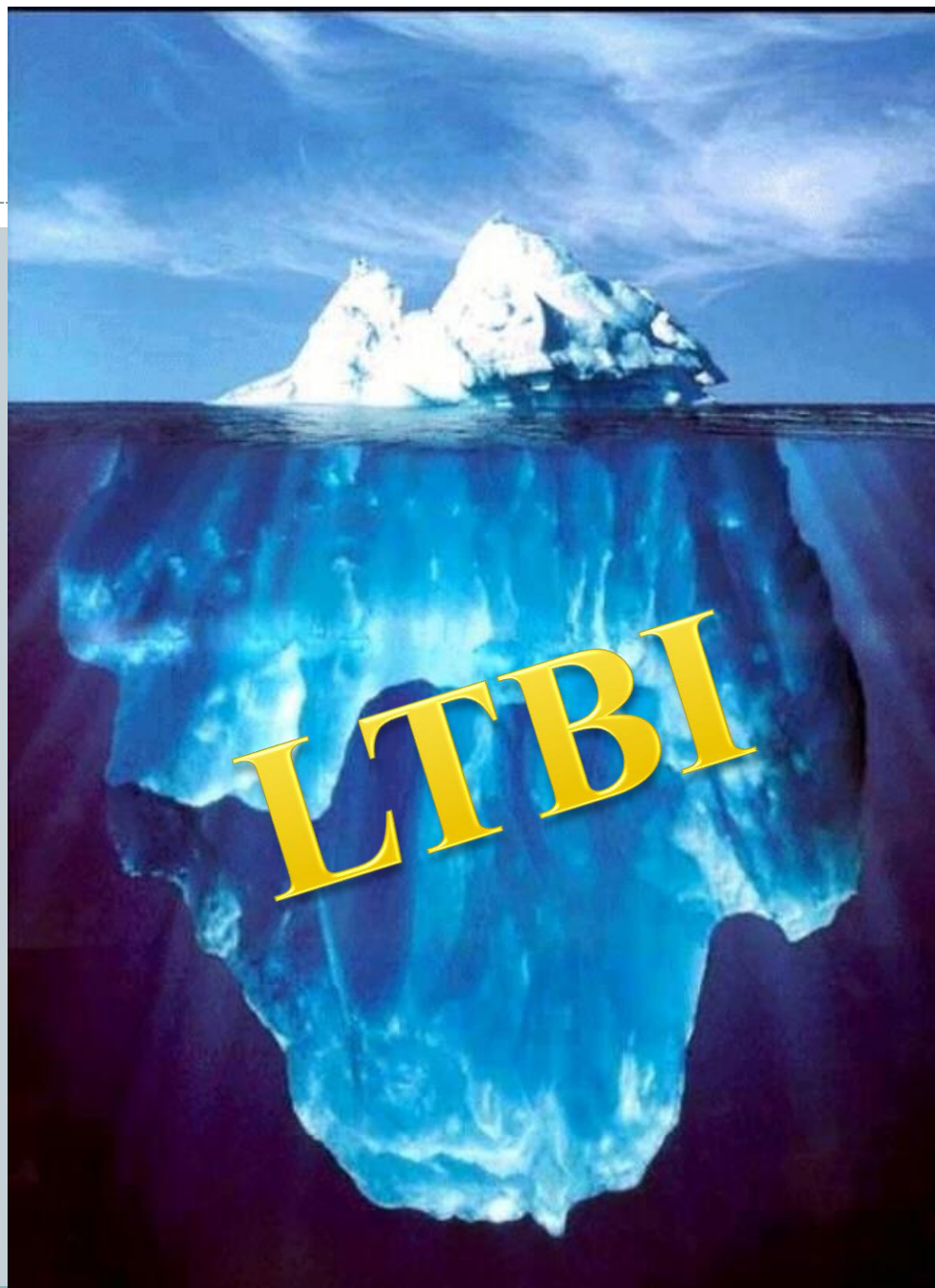
Country	# of Arrivals in 2012	TB Case Rate 2012 (cases per 100,000)
Philippines	153	265.0
Nepal	63	163.0
Malaysia	38	80.0
China	30	73.0
Maryland (2012 data)	3.0	



Class 2 (LTBI) by County of Origin



Country of Examination	2012	2013
Philippines	52	34
Nepal	33	6
Malaysia	15	7
China	10	3



GENOTYPING SUMMARY

2013

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Background Information



- Genotyping is performed on all culture positive specimens in Maryland
- Results are reported out through a CDC national system, TB GIMS
- Isolates in GIMS are linked to the RVCT record
- Reports in GIMS can be run on a given single isolate or cluster

Genotyping Coverage and Clustering

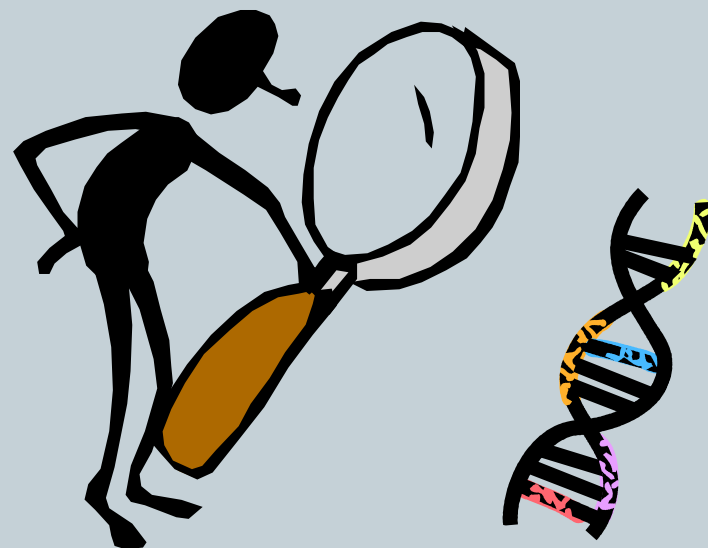
2012



- Of 161 culture positive patients in Maryland in 2012, 160 (99.4%) had an isolate sent for genotyping.
 - CDC national target = 94% coverage
 - How do we stack up nationally?
- Of 160 genotyped isolates, 71 (44%) were given a cluster number
 - Some were clustered with others in same year, some dated back 4+ years
 - Not all clusters contain known epidemiologic links or are due to recent transmission

Examples of Uses of Genotyping in 2013

- Lab contamination/false positive investigations
- Cohort Review sessions
- Cluster investigations
- Identifying rarity of patterns



Questions?



- Think of something later?
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World TB Day
March 24



Working together to eliminate TB.

